

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta1617mxh

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Dec 17 The CA Lexicon available in the CAPLUS and CA files
NEWS 3 Feb 06 Engineering Information Encompass files have new names
NEWS 4 Feb 16 TOXLINE no longer being updated
NEWS 5 Apr 23 Search Derwent WPINDEX by chemical structure
NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS 7 May 07 DGENE Reload
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's
DWPI and DPCI

NEWS EXPRESS July 11 CURRENT WINDOWS VERSION IS V6.0b,
CURRENT MACINTOSH VERSION IS V5.0C (ENG) AND V5.0JB (JP),
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2001
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:16:37 ON 10 AUG 2001

=> s vardenafil

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.60

0.60

FILE 'REGISTRY' ENTERED AT 10:18:50 ON 10 AUG 2001
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STRUCTURE FILE UPDATES: 9 AUG 2001 HIGHEST RN 350981-09-8
DICTIONARY FILE UPDATES: 9 AUG 2001 HIGHEST RN 350981-09-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=> s vardenafil

L1 1 VARDENAFIL

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 224785-90-4 REGISTRY
CN Piperazine, 1-[[3-(1,4-dihydro-5-methyl-4-oxo-7-propylimidazo[5,1-f][1,2,4]triazin-2-yl)-4-ethoxyphenyl]sulfonyl]-4-ethyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Vardenafil**

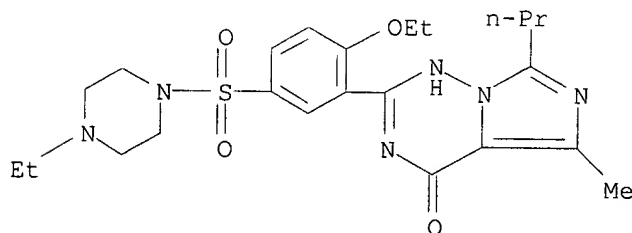
FS 3D CONCORD

MF C23 H32 N6 O4 S

CI COM

SR CA

LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, DRUGPAT, DRUGUPDATES,
MEDLINE, SYNTHLINE, TOXLIT



3 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil medl capl embas biosi

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.61

6.21

FILE 'MEDLINE' ENTERED AT 10:19:37 ON 10 AUG 2001

FILE 'CAPLUS' ENTERED AT 10:19:37 ON 10 AUG 2001

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FILE 'BIOSIS' ENTERED AT 10:19:37 ON 10 AUG 2001
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=> s l1 or vardenafil

L2 25 L1 OR VARDENAFIL

=> s l2 and py<1999

2 FILES SEARCHED...

L3 0 L2 AND PY<1999

=> s l2 not py>2000

L4 3 L2 NOT PY>2000

=> d l4

L4 ANSWER 1 OF 3 MEDLINE
AN 2001286250 MEDLINE
DN 21148958 PubMed ID: 11253255
TI Sexual pharmacology in the 21st century.
AU Rosen R C
CS Department of Psychiatry, Center for Sexual and Marital Health,
UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, USA.
SO J Gend Specif Med, (2000 Jul-Aug) 3 (5) 45-52.
Journal code: DOB; 100887298. ISSN: 1523-7036.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200105
ED Entered STN: 20010529
Last Updated on STN: 20010529
Entered Medline: 20010524

=> d 2-3

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS
AN 1999:325936 CAPLUS
DN 130:352283
TI Preparation of 2-phenylimidazotriazinones as phosphodiesterase
inhibitors.
IN Niewohner, Ulrich; Es-Sayed, Mazen; Haning, Helmut; Schenke, Thomas;
Schlemmer, Karl-Heinz; Keldenich, Jorg; Bischoff, Erwin; Perzborn,
Elisabeth; Dembowsky, Klaus; Serno, Peter; Nowakowski, Marc
PA Bayer Aktiengesellschaft, Germany
SO PCT Int. Appl., 329 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9924433	A1	19990520	WO 1998-EP6910	19981031
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,				

TM TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

DE 19750085	A1	19990520	DE 1997-19750085	19971112
DE 19812462	A1	19990930	DE 1998-19812462	19980323
DE 19840289	A1	20000309	DE 1998-19840289	19980904
AU 9915587	A1	19990531	AU 1999-15587	19981031
GB 2346877	A1	20000823	GB 2000-2000109741	19981031
BR 9812785	A	20001010	BR 1998-12785	19981031
EP 1049695	A1	20001108	EP 1998-959821	19981031

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO

ZA 9810297	A	19990520	ZA 1998-10297	19981111
FI 2000001086	A	20000509	FI 2000-1086	20000509
NO 2000002444	A	20000511	NO 2000-2444	20000511
SE 2000001745	A	20000511	SE 2000-1745	20000511

PRAI DE 1997-19750085 A 19971112
DE 1998-19812462 A 19980323
DE 1998-19840289 A 19980904
WO 1998-EP6910 W 19981031

OS MARPAT 130:352283

RE.CNT 13

RE

- (1) Allen & Hanburys Ltd; DE 2255172 A 1973 CAPLUS
- (2) Allen & Hanburys Ltd; DE 2364076 A 1974 CAPLUS
- (3) Allen & Hanburys Ltd; DE 2811780 A 1978 CAPLUS
- (4) Bell, A; WO 9405661 A 1994 CAPLUS
- (5) Campbell, S; WO 9616657 A 1996 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

AN 2000429293 EMBASE

TI [Erectile disorders: An update on new therapeutic possibilities].
TROUBLES ERECTILES: LE POINT SUR LES NOUVELLES POSSIBILITES
THERAPEUTIQUES.

AU Roumeguere T.

CS T. Roumeguere, Service d'Urologie, HU Erasme, ULB, Bruxelles, Belgium

SO Acta Urologica Belgica, (2000) 68/2 (41-42).
ISSN: 0001-7183 CODEN: AUBEAN

CY Belgium

DT Journal; (Short Survey)

FS 028 Urology and Nephrology
030 Pharmacology
037 Drug Literature Index

LA French

=> s 122 and 123

L24 3174 L22 AND L23

=> s 124 and indole

198946 INDOLE
L25 499 L24 AND INDOLE

=> s 125 and dione

612754 DIONE
1 DIONES
612754 DIONE
(DIONE OR DIONES)
L26 281 L25 AND DIONE

=> s 126 and methylenedioxyphenyl

965 METHYLENEDIOXYPHENYL
L27 0 L26 AND METHYLENEDIOXYPHENYL

=> s 126 and methylene

841307 METHYLENE
3 METHYLENES
841307 METHYLENE
(METHYLENE OR METHYLENES)
L28 1 L26 AND METHYLENE

=> d 128

L28 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 204398-92-5 REGISTRY
CN 1H-Pyrrolo[1'',2'':4',5']pyrazino[1',2':1,5]pyrrolo[2,3-b]indole-
5,13(5aH,13aH)-dione, 6a-[(decahydro-5,5,8a-trimethyl-2-methylene-1-
naphthalenyl)methyl]-2,3,6,6a,11,11a-hexahydro-, [5aS-
[5a.alpha.,6a.beta.(1R*,4aR*,8aR*),11a.beta.,13a.alpha.]]- (9CI) (CA
INDEX NAME)

OTHER NAMES:

CN Drimentine C
FS STEREOSEARCH
MF C31 H41 N3 O2
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (-).

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:16:37 ON 10 AUG 2001

=> s vardenafil

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Some commands only work in certain files. For example, the EXPAND
command can only be used to look at the index in a file which has an
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.60	0.60

FILE 'REGISTRY' ENTERED AT 10:18:50 ON 10 AUG 2001
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DICTIONARY FILE UPDATES: 9 AUG 2001 HIGHEST RN 350981-09-8

TSCA INFORMATION NOW CURRENT THROUGH January 11, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

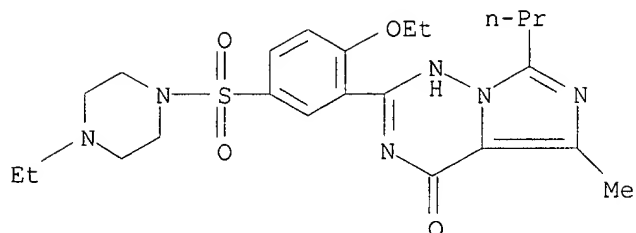
Structure search limits have been increased. See HELP SLIMIT
for details.

=> s vardenafil

L1 1 VARDENAFIL

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2001 ACS
RN 224785-90-4 REGISTRY
CN Piperazine, 1-[[3-(1,4-dihydro-5-methyl-4-oxo-7-propylimidazo[5,1-f][1,2,4]triazin-2-yl)-4-ethoxyphenyl]sulfonyl]-4-ethyl- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN **Vardenafil**
FS 3D CONCORD
MF C23 H32 N6 O4 S
CI COM
SR CA
LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, DRUGPAT, DRUGUPDATES, MEDLINE, SYNTHLINE, TOXLIT



3 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> fil medl capl embas biosi

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.61	6.21

FILE 'MEDLINE' ENTERED AT 10:19:37 ON 10 AUG 2001

FILE 'CAPLUS' ENTERED AT 10:19:37 ON 10 AUG 2001
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=> s l1 or vardenafil

L2 25 L1 OR VARDENAFIL

=> s l2 and py<1999

2 FILES SEARCHED...

L3 0 L2 AND PY<1999

=> s l2 not py>2000

L4 3 L2 NOT PY>2000

=> d 14

L4 ANSWER 1 OF 3 MEDLINE
 AN 2001286250 MEDLINE
 DN 21148958 PubMed ID: 11253255
 TI Sexual pharmacology in the 21st century.
 AU Rosen R C
 CS Department of Psychiatry, Center for Sexual and Marital Health,
 UMDNJ-Robert Wood Johnson Medical School, New Brunswick, NJ, USA.
 SO J Gend Specif Med, (2000 Jul-Aug) 3 (5) 45-52.
 Journal code: DOB; 100887298. ISSN: 1523-7036.

CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200105
 ED Entered STN: 20010529
 Last Updated on STN: 20010529
 Entered Medline: 20010524

=> d 2-3

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS

AN 1999:325936 CAPLUS

DN 130:352283

TI Preparation of 2-phenylimidazotriazinones as phosphodiesterase inhibitors.

IN Niewohner, Ulrich; Es-Sayed, Mazen; Haning, Helmut; Schenke, Thomas; Schlemmer, Karl-Heinz; Keldenich, Jorg; Bischoff, Erwin; Perzborn, Elisabeth; Dembowski, Klaus; Serno, Peter; Nowakowski, Marc

PA Bayer Aktiengesellschaft, Germany

SO PCT Int. Appl., 329 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9924433	A1	19990520	WO 1998-EP6910	19981031
	W:				
	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
TM					
	RW:				
	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	DE 19750085	A1	19990520	DE 1997-19750085	19971112
	DE 19812462	A1	19990930	DE 1998-19812462	19980323
	DE 19840289	A1	20000309	DE 1998-19840289	19980904
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	BR 9812785	A	20001010	BR 1998-12785	19981031
	EP 1049695	A1	20001108	EP 1998-959821	19981031
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	ZA 9810297	A	19990520	ZA 1998-10297	19981111
	FI 2000001086	A	20000509	FI 2000-1086	20000509
	NO 2000002444	A	20000511	NO 2000-2444	20000511
	SE 2000001745	A	20000511	SE 2000-1745	20000511
PRAI	DE 1997-19750085	A	19971112		
	DE 1998-19812462	A	19980323		
	DE 1998-19840289	A	19980904		
	WO 1998-EP6910	W	19981031		
OS	MARPAT 130:352283				

RE.CNT 13

RE

(1) Allen & Hanburys Ltd; DE 2255172 A 1973 CAPLUS

(2) Allen & Hanburys Ltd; DE 2364076 A 1974 CAPLUS

(3) Allen & Hanburys Ltd; DE 2811780 A 1978 CAPLUS
 (4) Bell, A; WO 9405661 A 1994 CAPLUS
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 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
 AN 2000429293 EMBASE
 TI [Erectile disorders: An update on new therapeutic possibilities].
 TROUBLES ERECTILES: LE POINT SUR LES NOUVELLES POSSIBILITES
 THERAPEUTIQUES.
 AU Roumeguere T.
 CS T. Roumeguere, Service d'Urologie, HU Erasme, ULB, Bruxelles, Belgium
 SO Acta Urologica Belgica, (2000) 68/2 (41-42).
 ISSN: 0001-7183 CODEN: AUBEAN
 CY Belgium
 DT Journal; (Short Survey)
 FS 028 Urology and Nephrology
 030 Pharmacology
 037 Drug Literature Index
 LA French

=> d 1-3 kwic

L4 ANSWER 1 OF 3 MEDLINE
 AB . . . including centrally active dopamine agonists (e.g., sublingual
 apomorphine), peripheral nonselective alpha-blockers (e.g., oral
 phentolamine), and other phosphodiesterase type-5 inhibitors (e.g.,
vardenafil). These drugs have recently been evaluated for the
 treatment of female sexual arousal disorder, although results to date
 have
 been. . .

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS
 IT 224785-72-2P 224785-73-3P 224785-74-4P 224785-75-5P 224785-76-6P
 224785-77-7P 224785-78-8P 224785-79-9P 224785-80-2P 224785-81-3P
 224785-82-4P 224785-83-5P 224785-84-6P 224785-85-7P 224785-86-8P
 224785-87-9P 224785-88-0P 224785-89-1P **224785-90-4P**
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 224786-91-8P 224786-92-9P 224786-93-0P 224786-94-1P 224786-95-2P
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224787-07-9P	224787-08-0P	224787-09-1P	224787-10-4P	224787-11-5P
224787-12-6P	224787-13-7P	224787-14-8P	224787-15-9P	224787-16-0P
224787-17-1P	224787-18-2P	224787-19-3P	224787-20-6P	224787-21-7P
224787-22-8P	224787-23-9P	224787-24-0P	224787-25-1P	224787-26-2P
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224787-37-5P	224787-38-6P	224787-39-7P	224787-40-0P	224787-41-1P
224787-43-3P	224787-44-4P	224787-45-5P	224787-46-6P	224787-47-7P
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224787-85-3P	224787-86-4P	224787-87-5P	224787-88-6P	224787-89-7P
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224788-01-6P	224788-02-7P	224788-03-8P	224788-04-9P	224788-05-0P
224788-06-1P	224788-07-2P	224788-08-3P	224788-09-4P	224788-10-7P
224788-11-8P				

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 2-phenylimidazotriazinones as phosphodiesterase inhibitors)

L4 ANSWER 3 OF 3 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.

CT Medical Descriptors:

*erectile . . .
 PO, oral drug administration
 nitric oxide
 apomorphine: DT, drug therapy
 apomorphine: PD, pharmacology
 endothelium derived relaxing factor
 phosphodiesterase inhibitor: DT, drug therapy
 ic 351: DT, drug therapy
vardenafil: DT, drug therapy
 unclassified drug
 bay 38 9456
 uprima
 ixens

=> d 2 ab

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AB Title compds. [I; R1 = H, alkyl; R2 = alkyl; R3, R4 = H, alkenyl, alkoxy, (substituted) (O-interrupted) alkyl, amino, adamantyl, cycloalkyl, etc.; NR3R4 = 5-7 membered (benzo-fused) (unsatd.) heterocyclyl, etc.; R5, R6 = H, alkyl, OH, alkoxy], were prepd. as cGMP-metabolizing phosphodiesterases

for treating cardiovascular and cerebrovascular diseases and/or diseases of the urogenital system, esp. for treating erectile dysfunction. Thus, 4-ethoxy-3-(5,7-dimethyl-4-oxo-3,4-dihydroimidazo[5,1-f][1,2,4]triazin-2-yl)benzenesulfonyl chloride (prepn. given) in CH₂Cl₂ was treated with

DMAP and N-methylpiperazine at 0.degree. followed by stirring overnight to give

34.5% 2-[2-ethoxy-5-(4-methylpiperazin-1-ylsulfonyl)phenyl]-5,7-dimethyl-

3H-imidazo[5,1-f][1,2,4]triazin-4-one. I inhibited phosphodiesterase V
with IC50 = 1-10 nM.

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